

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing Of Claims:**

Please amend the claims as follows:

1-19. (Canceled).

20. (Currently Amended) A cable having a screen, said screen comprising  
~~with~~ a water sensing wire, said water sensing wire comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor; wherein
- c) said conductor is formed by a plurality of metal wires with air  
cavities between the plurality of metal wires, the air cavities configured to allow the  
cross-sectional shape of the conductor to change when a radial pressure is applied to  
the insulation.

21. (Previously Presented) The cable according to claim 20, wherein said plurality of wires are stranded according to a predetermined length of pitch and direction of pitch.

22. (Previously Presented) The cable according to claim 20, wherein said conductor is a Litz-wire.

23. (Previously Presented) The cable according to claim 20, wherein one or more polymer filaments are contained as reinforcement inside said water permeable insulation.

24. (Previously Presented) The cable according to claim 23, wherein said polymer filaments are substantially parallel to said conductor.

25. (Previously Presented) The cable according to claim 20, wherein said water permeable insulation comprises insulating braiding.

26. (Previously Presented) The cable according to claim 20, wherein said plurality of wires forming said conductor are copper wires.

27. (Currently Amended) The cable according to claim ~~20~~ 23, wherein said polymer filaments are made of Aramid® or Kevlar®.

28. (Currently Amended) The cable according to claim ~~20~~ 25, wherein said insulating braiding is made of polyester or polyamide.

29. (Currently Amended) The cable according to claim ~~20~~ 23, wherein said polymer filaments and said conductor have an elasticity module such that up to a limit

force, at which an elastic deformation of said polymer filaments changes into a plastic deformation, only an elastic deformation is applied to said conductor.

30. (Previously Presented) The cable according to claim 20, wherein said cable is a power cable.

31. (Currently Amended) A cable having a screen, said screen comprising with a water sensing wire, said water sensing wire comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor;
- c) said conductor comprising a variable deformation cross section during application of radial stress.

32. (Previously Presented) The cable according to claim 31, wherein said conductor is formed by a plurality of metal wires having air cavities therebetween.

33. (Previously Presented) The cable according to claim 21, wherein said conductor is formed by a plurality of metal wires having air cavities therebetween.

34. (Previously Presented) The cable according to claim 31, wherein a plurality of reinforcement filaments are provided inside said insulation.

35. (Previously Presented) The cable according to claim 32, wherein a plurality of reinforcement filaments are provided inside said insulation.

36. (Previously Presented) The cable according to claim 20, wherein a plurality of reinforcement filaments are provided inside said insulation.

37. (Previously Presented) The cable according to any one of claims 34, 35 or 36, wherein said metal wires and said reinforcement filaments are arranged such that air cavities are formed between said metal wires and said reinforcement filaments.

38. (Currently Amended) A water sensing wire for a cable, comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor; wherein
- c) said conductor is formed by a plurality of metal wires with air cavities between the plurality of metal wires, the air cavities configured to allow the cross-sectional shape of the conductor to change when a radial pressure is applied to the insulation.

39. (Previously Presented) A water sensing wire for a cable comprising:

- a) a conductor; and
- b) a water permeable insulation surrounding said conductor;
- c) said conductor comprising a variable deformable cross section during application of radial stress.

40. (Currently Amended) A cable having a screen, said screen comprising  
~~with~~ a water sensing wire, said water sensing wire comprising:
- a) a conductor;
  - b) a water permeable insulation surrounding said conductor; wherein;
  - c1) said conductor is a single metal wire; and
  - c2) one or more reinforcement filaments are provided inside said water permeable insulation.
41. (Previously Presented) A water sensing wire for a cable comprising:
- a) a conductor;
  - b) a water permeable insulation surrounding said conductor; wherein
  - c1) said conductor is a single metal wire; and
  - c2) one or more reinforcement filaments are provided inside said water permeable insulation.